Index for Volume 56 (1985)

This index is composed of three subindexes: I. Bibliographical Index, II. Author Index and III. Topic Index.

Entries in the bibliographical index have been indexed by the last name of the author, or in the case of multiple authors by the last name of the first author. Reference information includes the name(s) of the author(s), title of the article, and the volume number and pages on which the article may be found.

The author index cites the name of each author

included in the volume, followed by the volume number and pages of the article. In cases where the cited author is not the first author of the article, the first author is cited in parentheses, so that the article may then be located in the bibliographical index if desired.

In the topic index, each article is listed under those important subjects about which the article provides information. The article title with volume and page numbers is also given.

I. Bibliographic Index

- Anshel, Mark H. The Effect of Arousal on Warm Up Decrement. 1, 1-9.
- Armstrong, Lawrence E. and Costill, David L. Variability of Respiration and Metabolism: Responses to Submaximal Cycling and Running. 2, 93–96.
- Baylor, Ann M. and Etnyre, Bruce R. Motor Pool Excitability to a Reaction Time Stimulus Preceded by a Varied Foreperiod. 3, 201–207.
- Berg, Kris and Sady, Stan. Oxygen Cost of Running at Submaximal Speeds While Wearing Shoe Inserts. 1, 86–89.
- Best, Clayton. Differences in Social Values Between Athletes and Nonathletes. 4, 366-369.
- Blair, Suzanne. The Professionalization of Attitude Toward Play in Children and Adults. 1, 82-83.
- Broadhead, Geoffrey D. and Church, Gabie E. Movement Characteristics of Preschool Children, 3, 208-214.
- Brown, Heather J.; Singer, Robert N.; Cauraugh, James H.; Lucariello, Georgann. Cognitive Style and Learner Strategy Interaction in the Performance of Primary and Related Maze Tasks. 1, 10-14.
- Bubb, Wendy J.; Myers, Barbee C.; Claytor, Randall P.; Varnum, Dwight L.; Watts, Lynwood and Franks, B. Don. Experimenter Effects in Exercise Tolerance Testing: The Race and Gender of the Tester and the Tester/Subject Relationship. 4, 370-377.
- Burkett, Lee N.; Fernhall, Bo Walters, Steven C. Physiologic Effects of Distance Running Training on Teenage Females. 3, 215–220.
- Butts, N. K. and Crowell, W. Effects of Caffeine Ingestion on Cardiorespiratory Endurance in Men and Women. 4, 301-305.
- Byrnes, William C.; Clarkson, Priscilla M. and Katch, Frank I. Muscle Soreness Following Resistance Exercise with

- and without Eccentric Contractions, 3, 283-285.
- Chelladurai, P. and Arnott, M. Decision Styles in Coaching: Preferences of Basketball Players. 1, 15-24.
- Christina, Robert W. and Rose, Debra J. Premotor and Motor Reaction Time as a Function of Response Complexity. 4, 306–315.
- Christina, Robert W.; Fischman, Mark G.; Lambert, Alan L. and Moore, Joe F. Simple Reaction Time as a Function of Response Complexity: Christina et al. (1982) Revised. 4, 316–322.
- Clarke, David H. and Manning, James M. Properties of Isokinetic Fatigue at Various Movement Speeds in Adult Males. 3, 221–226.
- Clarkson, Priscilla M.; Freedson, Patty S.; Keller, Betsy and Skrinar, Margaret. Maximal Oxygen Uptake, Nutritional Patterns and Body Composition of Adolescent Female Ballet Dancers. 2, 180–185.
- Costill, David L. Practical Problems in Exercise Physiology Research. 4, 378-384.
- Dowdy, Deborah B.; Cureton, Kirk J., DuVal, Harry P. and Ouzts, Harvey. Effects of Aerobic Dance and Physical Work Capacity, Cardiovascular Function and Body Composition of Middle-Aged Women. 3, 227–233.
- Dummer, Gail M.; Clarke, David H.; Vaccaro, Paul, Vander Velden, Lee, Goldfarb, Alan H. and Sockler, James M. Age Related Differences in Muscular Strength and Muscular Endurance Among Female Masters Swimmers. 2, 97–102.
- Edwards, Rosaland V. and Lee, Amelia M. The Relationship of Cognitive Style and Instructional Strategy to Learning and Transfer of Motor Skills. 3, 286–290.
- Ennis, Catherine D. Purpose Concepts in an Existing Physi-

cal Education Curriculum. 4, 370-377.

George, Colleen; Kopetzky, Michael T.; Hughes, Maysie J. and McGrath, James J. Changes in Myocardial Mass Associated with Age and Stress: Reexamination of Ventricular Hypertrophy. 1, 25–30.

Grabiner, Mark D. Comment on "Effects of Grip and Forearm Position on Flexed-Arm Hang Performance." 2,

186-187.

Griffin, Patricia S. Teachers' Perceptions of and Responses to Sex Equity Problems in a Middle School Physical Education Program. 2, 103–110.

Gruetter, Dan E. and Davis, Todd M. Oversized vs. Standard Racquets: Does It Really Make a Difference? 1,

31–36.

- Halverson, Lolas and Williams, Kathleen. Developmental Sequences for Hopping over Distance: A Prelongitudinal Screening. 1, 37–44.
- Hannon, Patrick R.; Rasmussen, Stanley A. and DeRosa, Carl P. Electromyographic Patterns During Level and Inclined Treadmill Running and Their Relationship to Step Cycle Measures. 4, 334–338.
- Hardy, Lew. Improving Active Range of Hip Flexion. 2, 111-114.
- Higgs, Colin. A Response to "An Analysis of Racing Wheelchairs". 3, 296.
- Housner, Lynn D. and Griffey, David C. Teacher Cognition: Differences in Planning and Interactive Decision Making Between Experienced and Inexperienced Teachers. 1, 45-53.
- Hudson, Jackie L. Prediction of Basketball Skills Using Biomechanical Variables. 2, 115–121.
- Jackson, Allen; Jackson, Timothy; Hnatek, Jan and West, Jane. Strength Development: Using Functional Isometrics in an Isotonic Strength Training Program. 3, 234– 237.
- Janssen, Christian T. L. and Schutz, Robert W. Optimal Convert Strategies in Football. 4, 339–344.
- Kamen, Gary. Characteristics of the Achilles Tendon Reflex Following Isometric and Isotonic Exercise., 3, 238–244.
- Landers, Daniel M.; Wang, Min Qi and Courtet, Patricia. Peripheral Narrowing Among Experienced and Inexperienced Rifle Shooters Under Low- and High-Stress Conditions. 2, 122–130.
- McGowan, Colleen R.; Robertson, Robert J. and Epstein, Leonard H. The Effect of Bicycle Ergometer Exercise at Varying Intensities on the Heart Rate, EMG and Mood State Responses to a Mental Arithmetic Stressor. 2, 131-137.
- McGuire, Francis A.; Mihalik, Brian J. and Pope, James E. Jr. Leisure Attitudes of Varsity Athletes vs. Nonvarsity Athletes. 3, 291–293.
- Meacci, William G. and Price, Eldon E. Acquisition and Retention of Golf Putting Skill Through the Relaxation, Visualization and Body Rehearsal Intervention.

2. 176-179.

- Messier, Stephen P. and Owen, Marjorie G. The Mechanics of Batting: Analysis of Ground Reaction Forces and Selected Lower Extremity Kinematics. 2, 138–143.
- Messier, Stephen P. and Dill, Mary Elizabeth. Alterations in Strength and Maximal Oxygen Uptake Consequent to Nautilus Circuit Weight Training. 4, 345–351.

Moffat, Roger S. and Sparling, Phillip B. Effect of Toe Clips During Bicycle Ergometry on VO₂ max. 1, 54–57.

- Morris, Alfred F. An Analysis of Racing Wheelchairs Used in the 1980 Olympic Games for the Disabled: A Reply to Higgs. 3, 294–296.
- Morris, Alfred F. A Final Comment to "An Analysis of Racing Wheelchairs—Dialogue". 3, 296–297.
- Pate, Russell R.; Barnes, Carolyn and Miller, William. A Physiological Comparison of Performance-Matched Female and Male Distance Runners. 3, 245–250.
- Petray, Clayre K. and Krahenbuhl, Gary S. Running Training, Instruction on Running Techinque and Running Economy in 10-year-old Males. 3, 251–255.
- Pollard, Graham H. A Statistical Investigation of Squash. 2, 144–150.
- Powers, Scott K. and Beadle, Ralph E. Onset of Hyperventilation During Incremental Exercise: A Brief Review. 4, 352–360.
- Richards, James; Farrell, Martin; Kent, James and Kraft, Robert. Weight Transfer Patterns During the Golf Swing. 4, 361–365.
- Safrit, Margaret J.; Wood, Terry M.; Ehlert, Sara A.; Hooper, Linda M. and Patterson, Patricia. The Application of Sequential Probability Ratio Testing to a Test of Motor Skill. 1, 58–65.
- Sage, George H. and Massengale, John D. Prestige and Regional Mobility of Doctoral Faculty in Graduate Departments of Physical Education. 2, 170–175.
- Schmidt, Richard A. The Search for Invariance in Skilled Movement Behavior. 2, 188–200.
- Schutz, Robert W.; Smoll, Frank L.; Carre, F. Alex and Mosher, Richard E. Inventories and Norms for Children's Attitudes Toward Physical Activity. 3, 256–265.
- Shifflett, Bethany. Reliability Estimation for Trials-to-Criterion Testing. 3, 266–274.
- Silverman, Stephen. Student Characteristics Mediating Engagement-Outcome Relationships in Physical Education. 1, 66–72.
- Smith, Joe F. and Miller, Carolyn V. The Effect of Head Position on Sit and Reach Performance. 1, 84–85.
- Struna, Nancy L. In "Glorious Disarray": The Literature at American Sport History. 2, 151–160.
- Tharp, Gerald D.; Newhouse, Robert K.; Uffelman, La-Vonne; Thorland, William G. and Johnson, Glen O. Comparison of Sprint and Run Times with Performance on the Wingate Anaerobic Test. 1, 73–76.

Wallace, Janet P.; McKenzie, Thomas L. and Nader, Philip R. Observed vs. Recalled Exercise Behavior: A Validation of a Seven Day Exercise Recall for Boys 11 to 13 Years Old. 2, 161–165.

Wankel, Leonard M. Personal and Situational Factors Affecting Exercise Involvement: The Importance of Enjoyment. 3, 275–282.

Washburn, Richard A. and Montoye, Henry J. Reliability of the Heart Rate Response to Submaximal Upper and Lower Body Exercise. 2, 166-169.

Weiss, Lawrence W. and Clark, Frank C. The Use of B-Mode Ultrasound for Measuring Subcutaneous Fat Thickness on the Upper Arms. 1, 77-81.

Wilmore, Jack H.; Atwater, Anne E.; Maxwell, Bess D.; Wilmore, Dorothy L.; Constable, Stefan H. and Buono, Michael J. Alterations in Body Size and Composition Consequent to Astro-Trimmer and Slim-Skins Training Program. 1, 90–92.

II. Author Index

Anshel, Mark H. 1, 1–9. Armstrong, Lawrence E. 2, 93–96. Arnott, M. 1, 15–24. (Chelladurai) Atwater, Anne E. 1, 90–92. (Wilmore) Costill, David L., 4, 378-384. Costill, David L. 2, 93-96. (Armstrong) Courtet, Patricia. 2, 122-130. (Landers) Crowell, D. 4, 301-305. (Butts) Cureton, Kirk J. 3, 227-233. (Dowdy)

Barnes, Carolyn. 3, 245–250. (Pate) Baylor, Ann M. 3, 201–207. Beadle, Ralph E. 4, 352–360. (Powers) Berg, Kris. 1, 86–89. Best, Clayton, 4, 366–369. Blair, Suzanne. 1, 82–83. Broadhead, Geoffrey D. 3, 208–214. Brown, Heather J. 1, 10–14. Bubb, Wendy J. 4, 370–377. Buono, Michael J. 1, 90–92. (Wilmore) Burkett, Lee N. 3, 215–220. Butts, N. K. 4, 301–305. Byrnes, William C. 3, 283–285.

Davis, Todd M. 1, 31–36. (Gruetter) DeRosa, Carl P. 4, 334–338. (Hannon) Dill, Mary Elizabeth. 4, 345–351. (Messier) Dowdy, Deborah B. 3, 227–233. Dummer, Gail M. 2, 97–102. Du Val, Harry P. 3, 227–233. (Dowdy)

Carre, F. Alex. 3, 256–265. (Schutz)
Cauraugh, James H. 1, 10–14. (Brown)
Chelladurai, P. 1, 15–24.
Christina, Robert W. 4, 306–315.
Church, Gabie E. 3, 208–214. (Broadhead)
Clark, Frank C. 1, 77–81. (Weiss)
Clarke, David H. 3, 221–226.
Clarke, David H. 2, 97–102. (Dummer)
Clarkson, Priscilla M. 2, 180–185.
Clarkson, Priscilla M. 3, 283–285. (Byrnes)
Clayton, Randall P. 4, 370–377. (Bubb)
Constable, Stefan H. 1, 90–92. (Wilmore)

Edwards, Rosaland V. 3, 286–290. Ehlert, Sara A. 1, 58–65. (Safrit) Ennis, Catherine D. 4, 323–333. Epstein, Leonard H. 2, 131–137 (McGowan) Etnyre, Bruce R. 3, 201–207. (Baylor)

Farrell, Martin. 4, 361–365. (Richards) Fernhall, Bo. 3, 215–220. (Burkett) Fischman, Mark G. 4, 316–322. (Christina) Franks, B. Don. 4, 370–377. (Bubb) Freedson, Patty S. 2, 180–185. (Clarkson) George, Colleen. 1, 25–30. Goldfarb, Alan H. 2, 97–102. (Dummer) Grabiner, Mark D. 2, 186–187. Griffey, David C. 1, 45–53. (Housner) Griffin, Patricia S. 2, 103–110. Gruetter, Dan E. 1, 31–36.

Halverson, Lolas. 1, 37–44.
Hannon, Patrick R. 4, 334–338.
Hardy, Lew. 2, 111–114.
Higgs, Colin, 3, 296.
Hnatek, Jan. 3, 234–237. (Jackson)
Hooper, Linda M. 1, 58–65. (Safrit)
Housner, Lynn D. 1, 45–53.
Hudson, Jackie L. 2, 115–121.
Hughes, Maysie J. 1, 25–30. (George)

Jackson, Allen, 3, 234–237. Jackson, Timothy. 3, 234–237. (Jackson) Janssen, Christian T. L., 4, 339–344. Johnson, Glen O. 1, 73–76. (Tharp)

Kamen, Gary. 3, 238–244. Katch, Frank I. 3, 283–285. (Byrnes) Keller, Betsy. 2, 180–185. (Clarkson) Kent, James. 4, 361–365. (Richards) Kopetzky, Michael T. 1, 25–30. (George) Kraft, Robert. 4, 361–365. (Richards) Krahenbuhl, Gary S. 3, 251–255. (Petray)

Lambert, Alan L. 4, . (Christina) Landers, Daniel M. 2, 122–130. Lee, Amelia M. 3, 286–290. (Edwards) Lucariello, Georgann. 1, 10–14. (Brown)

McGowan, Colleen R. 2, 131–137.
McGrath, James J. 1, 25–30. (George)
McGuire, Francis A. 3, 291–293.
McKenzie, Thomas L. 2, 161–165. (Wallace)
Manning, James M. 3, 221–226. (Clarke)
Massengale, John D. 2, 170–175. (Sage)
Maxwell, Bess D. 1, 90–92. (Wilmore)
Meacci, William G. 2, 176–179.
Messier, Stephen P. 2, 138–143.
Messier, Stephen P. 4, 345–351.

Mihalik, Brian J. 3, 291–293. (McGuire)
Miller, Carolyn V. 1, 84–85. (Smith)
Miller, William. 3, 245–250. (Pate)
Moffat, Roger S. 1, 54–57.
Montoye, Henry J. 2, 166–169. (Washburn)
Moore, Joe E. 4, 316–322. (Christina)
Morris, Alfred F. 3, 294–296.
Mosher, Richard E. 3, 256–265. (Schutz)
Myers, Barbee C. 4, 370–377. (Bubb)

Nader, Philip R. 2, 161–165. (Wallace) Newhouse, Robert K. 1, 73–76. (Tharp)

Ouzts, Harvey. 3, 227–233. (Dowdy) Owen, Marjorie G. 2, 138–143. (Messier)

Pate, Russell R. 3, 245–250.
Patterson, Patricia. 1, 58–65. (Safrit)
Petray, Clayre K. 3, 251–255.
Pollard, Graham H. 2, 144–150.
Pope, James R. Jr. 3, 291–293 (McGuire)
Powers, Scott K. 4, 352–360.
Price, Eldon E. 2, 176–179. (Meacci)

Rasmussen, Stanley A. 4,334–338. (Hannon) Richards, James. 4, 361–365. Robertson, Robert J. 2, 131–137. (McGowen) Rose, Debra J. 4,306–315. (Christina)

Sady, Stan. 1, 86–89. (Berg)
Safrit, Margaret J. 1, 58–65.
Sage, George H. 2, 170–175.
Schmidt, Richard A. 2, 188–200.
Schutz, Robert W. 3, 256–265.
Schutz, Robert W. 4, 339–344. (Janssen)
Shiffett, Bethany. 3, 266–274.
Silverman, Stephen. 1, 66–72.
Singer, Robert N. 1, 10–14. (Brown)
Skrinar, Margaret. 2, 180–185. (Clarkson)
Smith, Joe F. 1, 84–85.
Smoll, Frank L. 3, 256–265. (Schutz)
Sockler, James M. 2, 97–102. (Dummer)
Sparling, Phillip B. 1, 54–57. (Moffat)
Struna, Nancy L. 2, 151–160.

Tharp, Gerald D. 1, 73-76. Thorland, William G. 1, 73-76. (Tharp)

Uffelman, LaVonne. 1, 73-76. (Tharp)

Vaccaro, Paul, 2, 97-102. (Drummer) Vander Velden, Lee. 2, 97-102. (Dummer) Varnum, Dwight L. 4, 370-377. (Bubb) Wallace, Janet P. 2, 161–165.
Walters, Stephen C. 3, 215–220. (Burkett)
Wang, Min Qi. 2, 122–130. (Landers)
Wankel, Leonard M. 3, 275–282.
Washburn, Richard A. 2, 166–169.
Watts, Lynwood. 4, 370–377. (Bubb)
Weiss, Lawrence W. 1, 77–81.
West, Jane. 2, 234–237. (Jackson)
Williams, Kathleen. 1, 37–44. (Halverson)
Wilmore, Dorothy L. 1, 90–92. (Wilmore)
Wilmore, Jack H. 1, 90–92.
Wood, Terry M. 1, 58–65. (Safrit)

III. Topic Index

- Academic prestige. _____ and Regional Mobility of Doctoral Faculty in Graduate Departments of Physical Education. 2, 170–175.
- Achievement. Student Characteristics Mediating Engagement-Outcome Relationships in Physical Education. 1, 66-72.
- Achievement. Differences in Social Values Between Athletes and Nonathletes. 4, 366–369.
- Achilles tendon reflex. Characteristics of _____ Following Isometric and Isotonic Exercise. 3, 238–244.
- Aerobic dance. Effects of _____ and Physical Work Capacity, Cardiovascular Function and Body Composition of Middle-Aged Women. 3, 227–233.
- Aerobic power. Maximal Oxygen Uptake, Nutritional Patterns and Body Composition of Adolescent Female Ballet Dancers. 2, 180–185.
- Aging. Age Related Differences in Muscular Strength and Muscular Endurance Among Female Masters Swimmers. 2, 97–102.
- Age. Changes in Myocardial Mass Associated with _____ and Stress: Reexamination of Ventricular Hypertrophy. 1, 25-30.
- Anaerobic power. Comparison of Sprint and Run Times with Performance on the Wingate ______Test. 1, 73–76.
- Anaerobic threshold. Onset of Hyperventilation During Incremental Exercise: A Brief Review. 4, 352–360.
- Arm cranking. Reliability of the Heart Rate Response to Submaximal Upper and Lower Body Exercise. 2, 166– 169
- Arousal. The Effect of ____ on Warm Up Decrement. 1, 1-
- Arousal. Peripheral Narrowing Among Experienced and Inexperienced Rifle Shooters Under Low- and High-Stress Conditions. 2, 122-130.
- Attitude. Inventories and Norms for Children's _____ To-

- ward Physical Activity. 3, 256-265.
- Autocratic decisions. Decisions Styles in Coaching: Preferences of Basketball Players. 1, 15-24.
- Ballet. Maximal Oxygen Uptake, Nutritional Patterns and Body Composition of Adolescent Female _____ Dancers. 2, 180–185.
- Basketball. Prediction of _____ Skills Using Biomechanical Variables. 2, 115–121.
- Batting. The Mechanics of _____: Analysis of Ground Reaction Forces and Selected Lower Extremity Kinematics. 2, 138–143.
- Bicycle ergometry. Effect of Toe Clips During _____ on VO₂ max. 1, 54–57.
- Bicycle ergometry. The Effect of _____ Exercise at Varying Intensities on the Heart Rate, EMG and Mood State Responses to a Mental Arithmetic Stressor. 2, 131–137.
- Biokinetic Swim Bench. Practical Problems in Exercise Physiology Research. 4, 12.
- Biomechanics. Prediction of Basketball Skills Using _____ Variables. 2, 115–121.
- Biomechanics. The Mechanics of Batting: Analysis of Ground Reaction Forces and Selected Lower Extremity Kinematics. 2, 138–143.
- Biomechanics. Weight Transfer Patterns During the Golf Swing. 4, 361-365.
- Body composition. Alterations in Body Size and _____ Consequent to Astro-Trimmer and Slim-Skins Training Programs. 1, 90–92.
- Body composition. Maximal Oxygen Uptake, Nutritional Patterns and _____ of Adolescent Female Ballet Dancers. 2, 180–185.
- Body composition. Effects of Aerobic Dance and Physical

- Work Capacity, Cardiovascular Function and _____ of Middle-Aged Women. 3, 227–233.
- Body composition. A Physiological Comparison of Performance-Matched Female and Male Distance Runners. 3, 245–250.
- Body rehearsal intervention. Acquisition and Retention of Golf Putting Skill Through the Relaxation, Visualization and ______. 2, 176–179.
- Caffeine. Effects of _____ Ingestion on Cardiorespiratory Endurance in Men and Women. 4, 301-305.
- Cardiorespiratory response. A Physiological Comparison of Performance-Matched Female and Male Distance Runners. 3, 245–250.
- Cardiovascular function. Effects of Aerobic Dance and Physical Work Capacity, _____ and Body Composition of Middle-Aged Women. 3, 227–233.
- Children. Inventories and Norms for _____'s Attitudes Toward Physical Activity. 3, 256–265.
- Children, Preschool. Developmental Sequences for Hopping over Distance: A Prelongitudinal Screening. 1, 37– 44.
- Cognitive engagement. Student Characteristics Mediating Engagement-Outcome Relationships in Physical Education. 1, 66–72.
- Cognitive style. _____ and Learner Strategy Interaction in the Performance of Primary and Related Maze Tasks. 1, 10-14.
- Cognitive style. The Relationship of _____ and Instructional Strategy to Learning and Transfer of Motor Skills. 3, 286-290.
- Competition. Differences in Social Values Between Athletes and Nonathletes. 4, 366–369.
- Consultive Decisions. Decision Styles in Coaching: Preferences of Basketball Players. 1, 15-24.
- Curriculum, physical education. Purpose Concepts in an Existing ______. 4, 323-333.
- Cycling. Variability of Respiration and Metabolism: Responses to Submaximal _____ and Running, 2, 93–96.
- Cycling. Effects of Caffeine Ingestion on Cardiorespiratory Endurance in Men and Women. 4, 301–305.
- Decision Theory. Optimal Convert Strategies in Football. 4, 339-344.
- Delegative decisions. Decision Styles in Coaching: Preferences of Basketball Players. 1, 15-24.
- DIAL test. Movement Characteristics of Preschool Children. 3, 208–214.
- Discriminant analysis. Prediction of Basketball Skills Using Biomechanical Variables. 2, 115–121.
- Eccentric contractions. Muscle Soreness Following Resistance Exercise With and Without ______. 3, 283–285.
- Electromyography. —— Patterns During Level and Inclined Treadmill Running and Their Relationship to Step Cycle Measures. 4, 334-338.
- EMG onset. Motor Pool Excitability to a Reaction Time Stimulus Preceded by a Varied Foreperiod. 3, 201–207.
- Endurance. Age Related Differences in Muscular Strength and Muscular ____ Among Female Masters Swimmers.

- 2, 97-102.
- Energy cost. Oxygen Cost of Running at Submaximal Speeds While Wearing Shoe Inserts. 1, 86–89.
- Engagement outcome relationships. Student Characteristics Mediating _____ in Physical Education. 1, 66–72.
- Enjoyment. Personal and Situational Factors Affecting Exercise Involvement: The Importance of ______. 3, 275–289
- Ergogenic aid. Effects of Caffeine Ingestion on Cardiorespiratory Endurance in Men and Women. 4, 301-305.
- Exercise behavior. Observed vs. Recalled _____: A Validation of a Seven Day Exercise Recall for Boys 11 to 13 years Old. 2, 161–165.
- Exercise devices. Alterations on Body Size and Composition Consequent to Astro-Trimmer and Slim Skins Training Programs. 1, 90–92.
- Exercise physiology. Practical problems in _____ Research. 4, 378–384.
- Exercise tolerance. Experimenter Effects in _____ Testing: The Race and Gender of the Tester and the Tester/ Subject Relationship. 4, 370-377.
- Experience. Teacher Cognition: Differences in Planning and Interactive Decision Making between Experienced and Inexperienced Teachers. 1, 45-53.
- Experimenter effects. _____ in Exercise Tolerance Testing: The Race and Gender of the Tester and the Tester/ Subject Relationship. 4, 370-377.
- Females, teenage. Physiologic Effects of Distance Running Training on ______ 3, 215-220.
- Fine movement. Movement Characteristics of Preschool Children. 3, 208-214.
- Flexed-arm hang performance. Comment on "Effects of Grip and Forearm Position on ______. 2, 186-187.
- Flexibility. The Effect of Head Position on Sit and Reach Performance. 1, 84–85.
- Flexibility. Improving Active Range of Hip Flexion. 2, 111–114.
- Football. Optimal Convert Strategies in ______. 4, 339–344. Forearm position. Comment on "Effects of Grip and _____ on Flexed-Arm Hang Performance. 2, 186–187.
- Golf. Weight Transfer Patterns During the _____ Swing. 4, 361-365.
- Golf putting. Acquisition and Retention of _____ Skill Through the Relaxation, Visualization and Body Rehearsal Intervention. 1, 176–179.
- Gross movement. Movement Characteristics of Preschool Children. 3, 208–214.
- Heart rate. Reliability of the _____ Response to Submaximal Upper and Lower Body Exercise. 2, 166–169.
- Historiography. In "Glorious Disarray": The Literature of American Sport History. 2, 151-160.
- Hopping. Developmental Sequences for _____ Over Distance: A Prelongitudinal Screening. 1, 37-44.
- H-reflex. Motor Pool Excitability to a Reaction Time Stimulus Preceded by a Varied Foreperiod. 3, 201–207.
- Hyperventilation. Onset of _____ During Incremental Exercise: A Brief Review. 4, 352-360.

- Hypoxia, chronic. Changes in Myocardial Mass Associatedwith Age and Stress: Reexamination of Ventricular Hypertrophy. 1, 25–30.
- Impulsive response. Cognitive Style and Learner Strategy Interaction in the Performance of Primary and Related Maze Tasks. 1, 10–14.
- Incremental exercise. Onset of Hyperventilation During
 ______: A Brief Review, 4, 352–360.
- Instruction Strategy. Teacher Cognition: Differences in Planning and Interactive Decision Making Between Experienced and Inexperienced Teachers. 1, 45–53.
- Instructional Strategy. The Relationship of Cognitive Style and _____ to Learning and Transfer of Motor Skills. 3, 286-289.
- Interactive teaching. Teacher Cognition: Differences in Planning and Interactive Decision Making Between Experienced and Inexperienced Teachers. 1, 45–53.
- Invariance. The Search of _____ in Skilled Movement Behavior. 2, 188-200.
- Isokinetic fatigue. Properties of _____ at Various Movement Speeds in Adult Males. 3, 221–226.
- Isometrics. Improving Active Range of Hip Flexion 2, 111–114.
- Isometrics. Characteristics of the Achilles Tendon Reflex Following _____ and Isotonic Exercise. 3, 238-244.
- Isometrics, functional. Strength Development: Using _____ in an Isotonic Strength Training Program. 3, 234–237.
- Isotonics. Characteristics of the Achilles Tendon Reflex Following Isometric and _____ Exercise. 3, 238-244.
- Isotonic strength. Strength Development: Using Functional Isometrics in an _____ Training Program. 3, 234–237.
- Knee extension torque. Properties of Isokinetic Fatigue at Various Movement Speeds in Adult Males. 3, 221–226.
- Leisure attitudes. ____ of Varsity Athletes vs. Nonvarsity Athletes. 3, 291–293.
- Literature synthesis. In "Glorious Disarray": The Literature of American Sport History. 2, 151–160.
- Maximal oxygen uptake. Alterations in Strength and ______ Consequent to Nautilus Circuit Weight Training. 4, 345–351.
- Maze tasks. Cognitive Style and Learner Strategy Interaction in the Performance of Primary and Related _____.

 1. 10–14.
- Metabolic response. A Physiological Comparison of Performance-Matched Female and Male Distance Runners. 3, 245–250.
- Metabolism. Variability of Respiration and _____: Responses to Submaximal Cycling and Running. 2, 93–96.
- Middle School Movement Purposes Inventory (MSMPI).

 Purpose Concepts in an Existing Physical Education
 Curriculum. 4, 306–315.
- Mobility. Prestige and Regional _____ of Doctoral Faculty in Graduate Departments of Physical Education. 2, 170-175

- Motor development. Developmental Sequences for Hopping Over Distance: A Prelongitudinal Screening. 1, 37–44.
- Motor engagement. Student Characteristics Mediating Engagement-Outcome Relationships in Physical Education. 1, 66–72.
- Motor pool excitability. _____ to a Reaction Time Stimulus Preceded by a Varied Foreperiod. 3, 201–207.
- Motor reaction time. Premotor and _____ as a Function of Response Complexity, 4, 306-315.
- Motor skill. The Application of Sequential Probability Ratio to a Test of ______ 1, 58-65.
- Motor skills. Oversized vs. Standards Racquets: Does it Really Make a Difference? 1, 31–36.
- Motor skills. The Relationship of Cognitive Style and Instructional Strategy to Learning and Transfer of _____.
 3, 286-290.
- Muscle soreness. ____ Following Resistance Exercise With and Without Eccentric Contractions. 3, 283–285.
- Myocardial hypertrophy. Changes in Myocardial Mass Associated with Age and Stress: Reexamination of Ventricular Hypertrophy. 1, 25–30.
- Nautilus weight training. Alterations in Strength and Maximal Oxygen Uptake Consequent to ______, 4, 345–351.
- Nonvarsity athletes. Leisure Attitudes of Varsity Athletes vs. ______. 3, 291–293.
- O₂ uptake. Physiologic Effects of Distance Running Training on Teenage Females.
- Participative styles. Decision Styles in Coaching: Preferences of Basketball Players. 1, 15-24.
- Performance prediction. Prediction of Basketball Skills Using Biomechanical Variables. 2, 115-121.
- Peripheral Auditory task. Peripheral Narrowing Among Experienced and Inexperienced Rifle Shooters Under Low- and High-Stress Conditions. 2, 122-130.
- Physiologic effects. _____ of Distance Running Training on Teenage Females. 3, 215–220.
- Physical activity. Inventories and Norms for Children's Attitudes Toward _______, 3. 256-265.
- Playing fair. The Professionalization of Attitude Toward Play in Children and Adults. 1, 82–83.
- Premotor reaction time. ____ and Motor ____ as a Function of Response Complexity. 4, 306–315.
- Preschool children. Movement Characteristics of _____. 3, 208–214.
- Probability ratios. The Application of Sequential _____ Testing to a Test of Motor Skill. 1, 58–65.
- Racing wheelchairs. An Analysis of _____ 3, 294-297.
- Racquets, oversized tennis. Oversized vs. Standard Racquets: Does It Really Make a Difference. 1, 31–36.
- Reaction time. Simple _____ as a Function of Response Complexity: Christina et al. (1982) Revisited. 4, 316–322.
- Recall. Observed vs. Recalled Exercise Behavior: A Valida-

- tion of a Seven Day Exercise _____ for Boys 11 to 13 Years Old. 2, 161-165.
- Reflective response. Cognitive Style and Learner Strategy Interaction in the Performance of Primary and Related Maze Tasks. 1, 10–14.
- Relaxation. Acquisition and Retention of Golf Putting Skill
 Through the _____, Visualization and Body Rehearsal
 Intervention. 2, 176-179.
- Reliability. _____ of the Heart Rate Response to Submaximal Upper and Lower Body Exercise. 2, 166–169.
- Reliability. ____ Estimation for Trials-to-Criterion Testing. 3, 266–274.
- Response complexity. Premotor and Motor Reaction Time as a Function of _____. 4, 306-315.
- Response complexity. Simple Reaction Time as a Function of _____; Christina et al. (1982) Revisited. 4, 316–322.
- Resistance exercise. Muscle Soreness Following ____ With and Without Eccentric Contractions. 3, 283–285.
- Respiration. Variability of _____ and Metabolism: Responses to Submaximal Cycling and Running. 2, 93–96.
- Rifle Shooting. Peripheral Narrowing Among Experienced and Inexperienced _____ Under Low- and High-Stress Conditions. 2, 122–130.
- RT responses. Motor Poor Excitability to a Reaction Time Stimulus Preceded by a Varied Foreperiod. 3, 201–207.
- Running. Oxygen Cost of _____ at Submaximal Speeds While Wearing Shoe Inserts. 1, 86–89.
- Running. Variability of Respiration and Metabolism: Responses to Submaximal Cycling and ______ 2, 93-96.
 Running. ____ Training, Instruction on ____ Technique
- Running. ____ Training, Instruction on ____ Technique and ____ Economy in 10-year-old Males. 3, 251–255.
- Running locomotion. Electromyographic Patterns During Level and Inclined Treadmill Running and Their Relationship to Step Cycle Measures. 4, 334–338.
- Self-report. Observed vs. Recalled Exercise Behavior: A Validation of a Seven Day Exercise Recall for Boys 11 to 13 Years Old. 2, 161–165.
- Sequential probability ratio test. Reliability Estimation for Trials-to-Criterion Testing. 3, 266-274.
- Sequential probability ratio testing. The Application of _____ to a Test of Motor Skill. 1, 58-65.
- Sex equity. Teachers' Perceptions of and Responses to ______ Problems in a Middle School Physical Education Program. 2, 103-110.
- Shoe inserts. Oxygen Cost of Running at Submaximal Speeds While Wearing _____. 1, 86-89.
- Sit and reach. The Effect of Head Position on _____ Performance. 1, 84-85.
- Social relationship. Personal and Situational Factors Affecting Exercise. Involvement: The Importance of Enjoyment. 3, 275–282.
- Social Values. Differences in _____ Between Athletes and Nonathletes. 4, 366-369,
- Skilled movement behavior. The Search for Invariance in _____. 2, 188-200,
- Sonogram. The Use of B-Mode Ultrasound for Measuring Subcutaneous Fat Thickness on the Upper Arms. 1,77–81.

- Sprint ability. Comparison of Sprint and Run Times with Performance on the Wingate Anaerobic Test. 1, 73–76.
- Squash. A Statistical Investigation of ______ 2, 144-150. Strength. Age Related Differences in Muscular _____ and
- Strength. Age Related Differences in Muscular _____ and Muscular Endurance Among Female Masters Swimmers. 2, 97–102.
- Strength, alterations. Alterations in Strength and Maximal Oxygen Uptake Consequent to Nautilus Circuit Weight Training. 4, 345-351.
- Stress. Changes in Myocardial Mass Associated With Age and ____: Reexamination of Ventricular Hypertrophy. 1, 25-30.
- Stress. Peripheral Narrowing Among Experienced and Inexperienced Rifle Shooters Under Low- and High-—— Conditions. 2, 122–130.
- Stress, psychological. The Effect of Bicycle Ergometer Exercise at Varying Intensities on the Heart Rate, EMG and Mood State Responses to a Mental Arithmetic Stressor. 2, 131–137.
- Stride length/rate. Running Training, Instruction on Running Technique and Running Economy in 10-Year-Old-Males. 3, 251–255.
- Subcutaneous fat. The Use of B-Mode Ultrasound for Measuring _____ Thickness on the Upper Arms. 1, 77–81.
- Swimming. Age Related Differences in Muscular Strength and Muscular Endurance Among Females Masters Swimmers. 2, 97–102.
- Teacher cognition. _____: Differences in Planning and Interactive Decision Making Between Experienced and Inexperienced Teachers. 1, 45-53.
- Teachers' response. Perceptions of and to Sex Equity Problems in a Middle School Physical Education Program. 2, 103–110.
- Tennis. Oversized vs. Standard Racquets: Does It Really Make a Difference? 1, 31–36.
- Tension, neuromuscular. The Effect of Bicycle Ergometer Exercise at Varying Intensities on the Heart Rate, EMG and Mood State Responses to a Mental Arithmetic Stressors. 2, 131-137.
- Time-to-peak-torque. Properties of Isokinetic Fatigue at Various Movement Speeds in Adult Males, 3, 221–226,
- Toe clips, bicycle. Effect of _____ During Bicycle Ergometry on VO₂ max. 1, 54–57.
- Torque. Properties of Isokinetic Fatigue at Various Movement Speeds in Adult Males. 3, 221-226.
- Treadmill. A Physiological Comparison of Performance-Matched Female and Male Distance Runners. 3, 245– 250.
- Trials-to-criterion-testing. Reliability Estimation for _____. 3, 266–274.
- Ultrasound. The Use of B-Mode _____ for Measuring Subcutaneous Fat Thickness on the Upper Arms. 1, 77-81.
- Utility theory. Optimal Convert Strategies in Football. 4, 345-351.
- Varsity athletes. Leisure Attitudes of _____ vs. Nonvarsity Athletes. 3, 291–293.
- Visualization. Acquisition and Retention of Golf Putting Skill Through the Relaxation, ____ and Body Rehears-

al Intervention. 2, 176-179.

VO₂ max. Effect of Toe Clips During Bicycle Ergometry on ______ 1, 54-57.

VO₂ max. Physiologic Effects of Distance Running Training on Teenage Females. 3, 215–220.

VO₂ max. Effects of Caffeine Ingestion on Cardiorespiratory Endurance in Men and Women. 4, 301-305.

Warm-up. The Effect of Arousal on _____ Decrement. 1, 1-

Weight transfer. —— Patterns During the Golf Swing. 4, 361-365.

Wheelchairs, racing. An Analysis of _____. 3, 294-297.

Wingate test. Comparison of Sprint and Run Times with Performance on the _______ 1, 73-76.

Winning. The Professionalization of Attitude Toward Play in Children and Adults. 1, 82-83.

Women, middle aged. Effects of Aerobic Dance and Physical Work Capacity, Cardiovascular Function and Body Composition of _______3, 227–233.